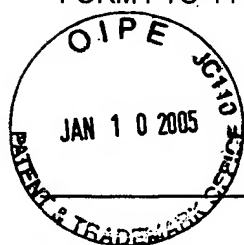


1FW

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. PM0344	
In Re Application Of: Kenneth Bolam, et.al.					
<div style="text-align: center;">JAN 10 2005 PATENT & TRADEMARK OFFICE</div>					
Application No. 10/828,824	Filing Date April 21, 2004	Examiner To Be Assigned	Customer No. 36335	Group Art Unit 3749	Confirmation No. 7277
Title: MRI/NMR COMPATIBLE, TIDAL VOLUME CONTROL AND MEASUREMENT SYSTEMS, METHODS AND DEVICES FOR RESPIRATORY AND HYPERPOLARIZED GAS DELIVERY					
<p style="text-align: center;">Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p style="text-align: center;">37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;">37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="margin-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center;">OR</p> <p style="margin-left: 40px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>					

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. PM0344	
In Re Application: Kenneth Bolam, et.al.					
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/828,824	April 21, 2004	To Be Assigned	36335	3749	7277
Title: MRI/NMR COMPATIBLE, TIDAL VOLUME CONTROL AND MEASUREMENT SYSTEMS, DEVICES FOR RESPIRATORY AND HYPERPOLARIZED GAS DELIVERY					
<div style="text-align: center;"> Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) </div> <div style="margin-top: 10px;"> <input type="checkbox"/> A check in the amount of _____ is attached. <input type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below. <div style="margin-left: 20px;"> <input type="checkbox"/> Charge the amount of _____ <input type="checkbox"/> Credit any overpayment. <input type="checkbox"/> Charge any additional fee required. </div> <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. </div> <div style="margin-top: 10px;"> WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p style="text-align: center;">Certificate of Transmission by Facsimile*</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> _____ (Date) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> _____ Signature </div> <div style="border: 1px solid black; padding: 5px;"> _____ Typed or Printed Name of Person Signing Certificate </div> </div> <div style="width: 45%;"> <p style="text-align: center;">Certificate of Mailing by First Class Mail</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> JAN. 6, 2005 (Date) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Lori Allaire Signature of Person Mailing Correspondence </div> <div style="border: 1px solid black; padding: 5px;"> Lori Allaire Typed or Printed Name of Person Mailing Certificate </div> </div> </div> <div style="margin-top: 10px;"> <p>*This certificate may only be used if paying by deposit account.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 45%;"> _____ Signature </div> <div style="width: 45%;"> Dated: 5 Jan 05 </div> </div> </div>					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Robert F. Chisholm Reg. No. 39,939 Amersham Health, Inc. 101 Carnegie Center Princeton, NJ 08540 (609) 514-6905</p> </div> <div style="width: 45%;"></div> </div>					
CC:					

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
PM0344SERIAL NO.
10/828,824INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Kenneth Bolam, et.al.FILING DATE
April 21, 2004GROUP
3749

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,545,396	08-1996	Albert, et.al.			
	5,612,103	03-1997	Driehuys, et.al.			
	5,642,625	07-1997	Cates, et.al.			
	5,809,801	09-1998	Cates, et.al.			
	6,079,213	06-2000	Driehuys, et.al.			
	6,085,743	07-2000	Chupp, et.al.			
	6,295,834	10-2001	Driehuys			
	6,423,387	07-2002	Zollinger			
	6,467,479	10-2002	Albert, et.al.			
	6,551,559	04-2003	Cates, et.al.			
	6,581,599	06-2003	Stenzler			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2004/010045	01-2004	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Hedlund, et.al., MR-compatible ventilator for small animals; computer controlled ventilation for proton and noble gas imaging, 18 Magnetic Resonance Imaging, pp. 753-759 (2000)
	Hedlund, et.al., Three-dimensional MR microscopy of pulmonary dynamics, Society of Magnetic Resonance (New York, NY 1996)
	Hedlund, et.al., Poster at the Amer. Thoracic society 1998 International Meeting (Chicago, 1998) MRI of pulmonary airways with hyperpolarized helium; a computer-controlled ventilator for imaging synchronous gas delivery in animal studies (describing ventilator technology)
	Kwang, et.al., Gas Mixing for Biomedical Application Using Mass Flow Controllers" medical and Biological Engineering and Computing, Peter Peregrinus Ltd., Stevenage, GB vo. 27, no. 6, 1 November 1989 pages 634-636
	Black, et.al., In vivo He-3 MR Images of Guinea Pig Lungs, Radiology, 199(3), pp. 867-870 (1996)
	Int'l Search Report PCT/US2004/012237 dated 14 Oct. 2004

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.